

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------|------------------|---------|------------------|
| L5    | 7    | (US-20020109585-\$ or US-20020154000-\$ or US-20020121963-\$ or US-20020118101-\$).did. or (US-6933835-\$ or US-7042351-\$ or US-7573891-\$).did.   | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 20:42 |
| L6    | 0    | 5 and (text or alphanumeric )   | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 20:42 |
| L7    | 7    | 5 and (message )  | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 20:42 |
| L8    | 1    | 5 and (portal or hub)   | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 20:48 |
| L9    | 7    | 5 and (wireless or wlan)  | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 20:58 |
| L10   | 7    | 5 and (filter\$6)   | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 21:03 |
| L11   | 7    | 5 and (message and frequenc\$6 )  | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 21:13 |
| L12   | 1    | 5 and (message same frequenc\$6 )   | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 21:13 |
| L13   | 6    | 5 and (message same packet )  | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 21:14 |
| L14   | 1    | 5 and (packet same frequenc\$6 )  | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 21:14 |
| L15   | 1    | 13 and 14   | US-PGPUB; USPAT | OR               | ON      | 2009/09/28 21:14 |
| SI47  | 28   | (US-20030095263-\$ or US-20030174067-\$ or US-20020194500-\$ or US-20020147837-\$ or US-20020064183-\$ or US-20040063456-\$ or US-20040203836-\$ or US-20050101312-\$ or US-20040198236-\$ or US-20020128009-\$ or US-20020090961-\$).did. or (US-4090184-\$ or US-4430639-\$ or US-4731810-\$ or US- | US-PGPUB; USPAT | OR               | ON      | 2009/09/27 17:22 |

|      |       |   |                 |    |    |                  |
|------|-------|---|-----------------|----|----|------------------|
|      |       | 6404773-\$ or US-7006768-\$ or US-6727804-\$ or US-6246376-\$ or US-5477415-\$ or US-5787360-\$ or US-6836655-\$ or US-6584326-\$ or US-5337044-\$ or US-4196425-\$ or US-5712867-\$ or US-6950674-\$ or US-6947736-\$ or US-6107912-\$).did. |                 |    |    |                  |
| S148 | 6     | S147 and ((powerline or (power adj2 line) or (electrical adj2 (line or cable or wire))) same (filter\$4))   | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:23 |
| S149 | 3260  | ((high with frequency) with (communication or call\$4 or message) with filter\$4  | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:25 |
| S150 | 295   | S149 and ((powerline or (power adj2 line) or (electrical adj2 (line or cable or wire))) same (filter\$4))   | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:25 |
| S151 | 234   | (low with filter) and S150  | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:26 |
| S152 | 192   | S149 and (((powerline or (power adj2 line) or (electrical adj2 (line or cable or wire))) with communication) same (filter\$4))  | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:26 |
| S153 | 152   | (low with filter) and S152  | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:26 |
| S154 | 16    | S153 and ((central or base) adj2 station)   | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:27 |
| S155 | 7698  | wireless and (((powerline or (power adj2 line) or (electrical adj2 (line or cable or wire))) with communication))   | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:35 |
| S156 | 66622 | ((wireless or WLAN) with (((central or base) adj2 station) or (access adj2 (point or node))))   | US-PGPUB; USPAT | OR | ON | 2009/09/27 17:36 |

|      |       |   |                    |    |    |                     |
|------|-------|---|--------------------|----|----|---------------------|
| S157 | 1116  | S156 and (((powerline or (power adj2 line) or (electrical adj2 (line or cable or wire)))) with communication))    | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:36 |
| S158 | 68153 | (voice or data or communication or message) with high with frequency  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:38 |
| S159 | 14697 | (low near2 filter) and S158   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:38 |
| S160 | 3669  | (low near2 filter) same S158  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:38 |
| S161 | 35    | S157 and S160   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:39 |
| S162 | 22513 | (low near2 filter) with ((high near2 frequency) or ((data or voice or communication) near2 signal) or message)    | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:44 |
| S163 | 5500  | S158 and S162   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:45 |
| S164 | 36    | S157 and S163   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:45 |
| S165 | 167   | S155 and S163   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:48 |
| S166 | 10    | S165 and ((central or base) adj2 station)   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:48 |
| S167 | 45    | wlan and S163   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:50 |
| S168 | 292   | S163 and (((powerline or (power adj2 line) or (electrical adj2 (line or cable or wire)))) with communication))    | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:51 |
| S169 | 167   | wireless and S168   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:52 |
| S170 | 6     | wlan and S169   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:52 |
| S171 | 51017 | (voice or data or communication or message) with (high near3 frequenc\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:53 |
| S172 | 24591 | (low near2 filter\$4) with ((high near2 frequency) or ((data or voice or communication) near2 signal) or message) | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:54 |

|      |      |  |                    |    |    |                     |
|------|------|--|--------------------|----|----|---------------------|
| S173 | 5142 | S171 and S172  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:55 |
| S174 | 292  | S173 and (((powerline or<br>(power adj2 line) or<br>(electrical adj2 (line or<br>cable or wire))) with<br>communication))                        | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:55 |
| S175 | 248  | S173 and (((powerline or<br>(power adj2 line) or<br>(electrical adj2 (line or<br>cable or wire))) near3<br>communicat\$6))                       | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:55 |
| S176 | 7    | wlan and S175  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:56 |
| S177 | 251  | S173 and (((powerline or<br>(power adj2 (cable or<br>wire or line)) or<br>(electrical adj2 (line or<br>cable or wire))) near3<br>communicat\$6)) | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:56 |
| S178 | 7    | wlan and S177  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:56 |
| S179 | 149  | wireless and S177  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:57 |
| S180 | 20   | S177 and ((central or<br>base) adj2 station)   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:57 |
| S181 | 11   | S179 and S180  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:57 |
| S182 | 9    | S180 not S181  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>17:57 |
| S183 | 518  | (high with frequency with<br>communication with<br>signal) same (low near2<br>filter\$6)   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>18:06 |
| S184 | 168  | S183 and (((powerline or<br>(power adj2 (cable or<br>wire or line)) or<br>(electrical adj2 (line or<br>cable or wire))) near3<br>communicat\$6)) | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>18:06 |
| S185 | 100  | wireless and S184  | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>18:06 |
| S186 | 100  | S185 and filter\$4   | US-PGPUB;<br>USPAT | OR | ON | 2009/09/27<br>18:10 |

9/ 28/ 2009 9:19:32 PM

C:\Documents and Settings\jholliday\My Documents\ EAST\ Workspaces\ 10526707.wsp